



WEEK ENDING JANUARY 18, 2013

# OPP Weekly Activity Report

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## PESTICIDE RE-EVALUATION DIVISION

**Iodomethane Final Cancellation Notice Published.** On January 16, 2013, the final cancellation order for iodomethane was published. This Federal Register notice follows a 30-day public comment period on the November 21, 2012 FR notice that announced the Agency's receipt of Arysta's (the technical registrant) request to voluntarily cancel all of the registered iodomethane products. The voluntary cancellation was part of a Memorandum of Agreement (MOA) between EPA and Arysta. The agency received one comment from the Pesticide Action Network International during the comment period, but this comment did not result in any changes to the cancellation order. As a result of the order, all end-use products were cancelled effective December 31, 2012, and the technical product registration has been amended to prohibit use in the United States, except for export, and will be cancelled effective December 1, 2015. The cancellation order and the MOA are located in the iodomethane docket, EPA-HQ-OPP-2005-0252. (Andrea Mojica, 703-308-0122)

**PRD Conferences with Migrant Clinicians Network and Farmworker Justice on Spanish Labeling Petition.** On Thursday, January 17, 2013, PRD and FEAD held a conference call with Migrant Clinicians Network (MCN) and Farmworker Justice (FWJ) regarding the agency's actions in response to their December 2009 petition requesting that pesticide registrants provide labels in Spanish. A 90-day public comment period for the petition was opened on March 30, 2011 and closed on June 28, 2011. EPA received over 200 comments, with most comments in favor of Spanish labeling. Additionally, Pesticide Action Network sponsored a write-in campaign in favor of the petition, which garnered 4,500 signatures. EPA communicated that it intends to respond to comments by December 2013. The MCN and FWJ expressed their concern with the slow pace of EPA's response in light of continued exposure to farmworkers that could potentially be lessened if Spanish labeling were implemented. (Katie Weyrauch, 703-308-0166)

**Chlorpyrifos -- EPA Discusses Preliminary Human Health Assessment.** On January 15, 2013, HED and PRD had a teleconference with the California Department of Pesticide Regulation to discuss aspects of EPA's 2011 chlorpyrifos preliminary Human Health Risk Assessment (HHRA). CA DPR is beginning its own assessment of chlorpyrifos and wanted an understanding of the data and various calculations in EPA's preliminary assessment. Dialogue between EPA and CA DPR will continue as EPA moves forward with a final HHRA and CA DPR develops their assessment. (Joel Wolf, 703-347-0228)

**OPP Meets with Methyl Bromide Industry Panel (MBIP).** On January 17, 2013, OPP met with representatives of the MBIP to discuss risk mitigation for post-harvest uses of methyl bromide. MBIP provided comments regarding the post-harvest

commodity label language related to worker protection. MBIP also provided a brief update on their efforts regarding analyses they are conducting for the post-harvest buffer zones. Additional meetings are scheduled in January and February to continue discussing mitigation language for product labels. (Susan Bartow, 703-603-0065)

**OPP Hosts Fenbutatin-oxide Meeting to Discuss Upcoming Biological Opinion.** On, January 16, 2013, OPP (PRD, RD, EFED, and BEAD) hosted a meeting with members of the National Marine Fisheries Service (NMFS), the U.S. Department of Agriculture (USDA), and the technical registrant for fenbutatin oxide (United Phosphorus Inc. (UPI)) to discuss the proposals by UPI for label changes they are willing to consider in advance of the assessment to be conducted for the upcoming draft Biological Opinion on fenbutatin oxide, due April 2013. The final Biological Opinion is due June 30, 2013. Fenbutatin-oxide is an acaricide/insecticide registered to control various insects (e.g., thrips, whiteflies, mealy bugs, mites, and aphids) from feeding on agricultural crops and ornamental plants. (Carissa Cyran, 703-347-8781)

**PRD Meets with Dow Agrosciences (DAS) to Discuss Registration Review of Benfluralin and Isoxaben.** On Thursday, January 17, 2013, PRD met with DAS to discuss the registration reviews of benfluralin and isoxaben. The registration review schedule, upcoming DCI data requirements, and outstanding data from the RED were discussed for benfluralin. For isoxaben, the status of data submissions and next steps in the registration review process, as well as a pending PRIA action to register a new formulation in the U.S., were discussed. (Garland Waleko, 703-308-8049; Christina Scheltema, 703-308-2201)

**Status of Issuing GDCIs.** PRD issued a Generic Data Call-In (GDCl) for 4 cases: copper compounds group II, copper sulfate, copper salts, and copper and oxides during the period of January 10 to January 17. During FY2013, PRD has issued a total of 21 GDCl packages: 20 individual case GDCIs and 1 supplemental-GDCl (to accommodate added studies for individual cases) for registration review. (Joseph Nevola, 703-308-8037; Gary Mullins, 703-308-8044; Meredith Scott, 703-308-0049)

## ENVIRONMENTAL FATE & EFFECTS DIVISION

**SEAWAVE.** On June 17th, EFED scientists held a conference call with Dr. Skip Vecchia (USGS) to discuss the SEASONAL WAVE model (SEAWAVE), a model that the FIFRA Scientific Advisory Panel (SAP) for atrazine recommended as a possible tool for data interpolation of monitoring data. The model is a parametric regression model that predicts a seasonal wave for estimating seasonal variability of pesticide concentrations. Another model, SEAWAVE-Q, is a modified version of SEAWAVE that considers both the seasonal wave and daily flow data for

predicting pesticide concentrations. Both models have been used to describe trends in pesticide concentrations for corn belt streams and urban streams. At the present time, USGS is writing a statistical computing and graphics program (R Program) for the SEAWAVE model. EFED scientists agreed to test the R Program as a beta testing exercise. Additionally, the model testing will allow EFED scientists to understand the model and its potential applications in OPP aquatic exposure assessments. (Jim Hetrick, 703-305-5237).

**American Beekeeping Federation Meeting.** From January 8 - 12, staff members from EFED, RD, and PRD participated in the national meeting of the American Beekeeping Federation in Hershey, PA. During the meeting, EFED staff discussed bee kill incident reporting and how these data are used in OPP's ecological risk assessments. The meeting provided an opportunity to talk with beekeepers regarding actions in which EPA is engaged to promote pollinator protection. Although beekeepers expressed appreciation for EPA's efforts, beekeepers were frustrated by the perceived inaction on the part of federal and state regulators to limit the potential effects of pesticides on native and managed bees. (Kris Garber, 703-347-8940; Reuben Baris, 703-305-7356).

**Meeting on Bee Toxicity Testing Methods.** On January 17, EFED science staff met with representatives of Wildlife International and a researcher from the University of Maryland, Mike Embrey, to discuss honey bee toxicity testing study design elements. Wildlife International, a contract lab located in Easton, Maryland, conducts a broad range of ecological effect studies on behalf of pesticide registrants. Like many other contract labs, Wildlife is continuing to expand their services to include a greater number of toxicity studies that support regulatory decision making, including a broader range of honey bee toxicity studies. Mike Embrey, from the University of Maryland, has conducted field studies of honey bees and owns and operates several apiaries on the Eastern Shore. The meeting provided an opportunity to discuss study design elements for laboratory and field-based studies with honey bees and the potential challenges associated with the conduct of these studies. (Kris Garber, 347-8940; Keith Sappington, 703-605-0581).

## BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

**Abstract Submitted for Consideration for the Annual General Meeting of the American Society for Microbiology (ASM).** The Microbiology Laboratory Branch (MLB) has submitted an abstract, entitled "Long-term Storage of Purified Spores of *Clostridium difficile* in Selected Diluents" to ASM for consideration for poster presentation at the 113<sup>th</sup> General Meeting of the American Society for Microbiology, scheduled to be held in Denver, CO, May 18-21, 2013. In the ASTM E2839-11 Method, the final purified spores of *C. difficile* are suspended in phosphate-buffered saline (PBS) containing 0.1% Tween 80 (ST-80). ST-80 has been found to be a key component to reduce clumping of spores once in suspension.

The ability to preserve spore suspensions for long periods of time without change to the titer or resistance to sporicides is highly desirable. This study was conducted to determine if the use of ST-80 had any deleterious effect on the integrity of the spores over time and if other diluents may be more suitable for long term storage. The abstract was earlier reviewed and cleared by BEAD Management. (Jafrul Hasan, 410-305-2657; Knoxley Japal, 410-305-2660)

## INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

OPP FOIA Request Status Report – Jan 7-11, 2013							
Requests Received		Requests Closed			Requests Open		
FY13	This Week	FY13	FYTD	This Week	FY13	Prior Years	Total
122	9	70	154	10	52	133	185

(Ana Espinoza, 703-347-0102)

**Organic Arsenicals Web Page Revised** - The ITRMD Web Team worked with RD staff to revise and publish the Organic Arsenicals factsheet. Organic Arsenicals are used as herbicides on cotton and other agricultural crops, in forestry, on residential and other lawns and turf, and in non-crop areas such as rights of way, drainage ditch banks, fence rows, and storage yards. For more information, please visit the web page at [http://www.epa.gov/pesticides/reregistration/organic\\_arsenicals\\_fs.html](http://www.epa.gov/pesticides/reregistration/organic_arsenicals_fs.html) (Miriam Organic, 703-605-0583)

## BIOPESTICIDES & POLLUTION PREVENTION DIVISION

**Review on Corn Rootworm Resistance to Cry3Bb1 Posts to EPA IRM Docket, Released via OPP Update.** On January 17, the EPA released to the public an [October 2012 Insect Resistance Management Team review](#) and a [January 17, 2013, memorandum summarizing that review](#). The documents present the EPA IRM Team's scientific conclusions on the status of corn rootworm resistance to the Cry3Bb1 toxin in certain parts of the Corn Belt. Based on a variety of data sources, the EPA IRM Team has concluded that corn rootworm may not be completely controlled by Cry3Bb1 in certain parts of the Corn Belt. While "confirmed resistance" as defined in registration documents has not been met, given the nature of the data, the manufacturer, Monsanto, has agreed to several actions and changes related to the registration of Cry3Bb1 products to address these matters. Additional information on these actions and changes can be found in a



[second January 17, 2013, memorandum posted in the IRM docket](#). EPA will be assessing resistance potential in the Corn Belt and evaluating Monsanto's actions and submitted information; based on this ongoing oversight, EPA may take further action as appropriate. In addition to the agreed upon actions and changes, EPA anticipates holding a Scientific Advisory Panel meeting in 2013 to discuss insect resistance management issues.

The two memoranda referenced above and the October 11, 2012, review can be found at [www.regulations.gov](http://www.regulations.gov) under docket number EPA-HQ-OPP-2011-0922. (Keith Matthews, 308-8712; Alan Reynolds, 605-0515; Kimberly Nesci (RD), 308-8059; Jeannette Martinez, 305-1016; Nicole Berckes, 308-0152)

**Tolerance Exemption Issued for GM-HRA PIP Inert.** On January 17, EPA approved an exemption from the requirement of a tolerance for residues of the Glycine max herbicide-resistant acetolactate synthase (GM-HRA) enzyme when used as a plant-incorporated protectant (PIP) inert ingredient in or on the food and feed commodities of soybean. The GM-HRA enzyme is used as a selectable herbicide-tolerant marker in soybean transformation events. EPA's complete assessment of GM-HRA data and Pioneer Hi-Bred International, Inc. (DuPont Pioneer) supporting petition will be available for viewing in Docket No. EPA-HQ-OPP-2012-0795. This action will add §174.533 to subpart W of 40 CFR. (Susanne Cerrelli, 308-8077)

**BPPD Meets with BPIA Regulatory Committee.** On January 16, BPPD met at Potomac Yard with the Regulatory Affairs Committee of the Biopesticide Industry Alliance (BPIA). Agenda items included the upcoming March 2013 BPIA meeting in Ottawa, where Division Director Keith Matthews will be presenting on the impact of PRIA 3 and its implications for biopesticides. Meeting participants discussed possible improvements to transparency and communication within the biopesticide registration process. These quarterly meetings with the BPIA RAC enable BPPD to gain useful insights into offer insight on regulatory processes and listen to registrant concerns. (Sheryl Reilly, 308-8269)

**Administrator-Level Recognition for the School Environmental Guidelines Team.** BPPD's Sherry Glick received a Bronze medal from the Administrator's Office on Jan. 16<sup>th</sup> for her contributions to the State K-12 School Environmental Health Program Guidelines team. Led by the Office of Children's Health Protection, the team, which included staff from several other school-related programs, worked for several years on the guidelines that were developed as a resource for the establishment of state, tribal, or territorial K-12 school environmental health programs. BPPD's contribution to the guidelines focused on the inclusion of Integrated Pest Management as the recommended approach to managing pests economically, and with the least possible risk to people, property, and the environment. (Frank Ellis, 308-8107)

**ESB Collaborates on Upcoming School IPM Webinar.** This week, BPPD's Environmental Stewardship Branch met with Divisional colleagues, ITRMD, and FEAD to coordinate aspects of the upcoming Green Strides Webinar for School IPM. The webinar will be a part of the U.S. Department of Education's Green Strides Webinar Series, an educational component of the Green Ribbon Schools Award Program. The webinar is scheduled for Wednesday, March 6th at 2:00 pm ET. (Sherry Glick, 214-665-6713)

**U.S. and Canadian Agencies Discuss Biopesticide Joint Review Projects.** On January 15, BPPD participated in a monthly conference call with Health Canada's Pest Management Regulatory Agency. Items discussed included review schedule and status of pending current joint reviews of four active ingredients, as well as status updates for six anticipated joint reviews. (Gail Tomimatsu, 308-8543; Colin Walsh, 308-0298; Kathleen Martin, 308-2857)

## ANTIMICROBIALS DIVISION

**AD attends NIEHS Nano Exposure Workshop.** On January 9-10, 2013, Timothy Dole, Antimicrobials Division (AD) attended a two day Nano Exposure Workshop at the National Institute of Environmental Health Sciences (NIEHS) campus at RTP. Presentations were given on the environmental health and safety of engineered nano materials (ENM), tools for nano exposure assessment, consumer exposure to ENMs and epidemiology of ENM exposures. Extensive discussions were held immediately after each presentation and during breakup groups. These presentations indicated that many questions remain regarding what consumer products actually contain ENMs, how much exposure occurs during the product lifecycle and what effects such exposure have on human health. The discussions also indicated that more collaboration is needed between the nanomaterial scientists who characterize the ENMs, toxicologists who evaluate the health hazard of ENMs, environmental scientists and industrial hygienists who evaluate exposures of ENMs and epidemiologists who evaluate population effects of ENMs. This collaboration is needed so that research can be prioritized to address the areas of greatest concern. (Timothy Dole, 703-304-6450)

## REGISTRATION DIVISION

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
<b>The Fungicide Branch granted:</b>					
Tebuconazole	Bayer CropScience LP	264-1091	R350	2/1/2013	1/17/2013
<b>Heather Garvie, 703/308-0034</b>					
Tolclofos-methyl	Valent U.S.A. Corporation	59639-177 59639-178	R123	1/11/2013	1/11/2013
<b>Tamue Gibson, 703/305-9096</b>					
Thiophanate-methyl	NISSO TM LLC	73545-9	R340	1/13/2013	1/14/2013
	Axion AG Products, LLC	89167-22	R300	1/12/2013	1/14/2013
<b>Marcel Howard, 703/305-6784</b>					

Thiophanate-methyl	NuFarm Americas, Inc.	55146-127	R301	1/21/2013	1/15/2013
<b>Erin Malone, 703/347-0253</b>					
Copper ethylene diamine complex	SEPRO Corporation	67690-60-1	R310	1/24/2013	1/14/2013
Copper hydroxide	Spiess-Urania Chemicals GMBH	64744-2	R310	1/17/2013	1/14/2013
<b>Dominic Schuler, 703/347-0260</b>					
<b>The Herbicide Branch granted:</b>					
Pyraflufen-ethyl	Nichino America, Inc.	71711-42	R300	1/17/2013	1/15/2013
<b>Bethany Benbow, 703/347-8072</b>					
S-Metolachlor	Loveland Products, Inc.	34704-1073	R300	1/17/2013	1/15/2013
<b>Emily Hartman, 703/347-0189</b>					
Quinclorac	PBI/Gordon Corporation	2217-977 2217-978	R310	1/19/2013	1/15/2013
<b>Hope Johnson, 703/305-5410</b>					
Glyphosate-isopropylammonium	Monsanto Company	71995-56 71995-57	R310	1/23/2013	1/15/2013
<b>Erik Kraft, 703/308-9358</b>					
Fluridone	Applied Biochemists	8959-58 8959-59	R300	1/16/2013	1/16/2013
<b>Dianne Morgan, 703/305-6217</b>					
2, 4-D, butoxyethyl ester	NuFarm Limited	35935-98	R310	1/20/2013	1/17/2013
<b>Grant Rowland, 703/347-0254</b>					
Flumeturon	Sharda Worldwide Exports Pvt. Ltd.	82633-19	R310	1/24/2013	1/11/2013
<b>Maggie, Rudick, 703/347-0254</b>					
Glufosinate	Axion AG Products, LLC	89167-25	R300	1/16/2013	1/15/2013
<b>Michael Walsh, 703/308-2972</b>					
<b>The Insecticide Branch granted:</b>					
Bifenthrin	Sergeant's Pet Care Products, Inc.	2517-138 2517-139	R260	1/11/2013	1/11/2013
<b>BeWanda Alexander, 703/305-7460</b>					
Spinetoram (minor component (4-methyl	Elanco Animal Health	72642-10	R310	1/20/2013	1/17/2013
<b>Driss Benmhend, 703-308-9525</b>					
Permethrin	Direct Ag Source, LLC	83222-3	R340	1/19/2013	1/16/2013
<b>Linda DeLuise, 703/305-5428</b>					
Dinotefuran	Whitmire Micro-Gen Research	499-566	R310	1/20/2013	1/16/2013
<b>Rita Kumar, 703/308-8291</b>					
Permethrin	Control Solutions, Inc.	53883-304	R310	1/29/2013	1/17/2013
Phenothrin	McLaughlin Gormley King Company	1021-2573	R320	1/26/2013	1/15/2013
Silicic acid, aluminum sodium salt	Control Solutions, Inc.	53883-305	R310	1/27/2013	1/16/2013
<b>Carmen Rodia, 703/306-0327</b>					
<b>The Insecticide-Rodenticide Branch granted:</b>					
Abamectin	Syngenta Crop Protection, LLC	100-1457	R310	1/18/2013	1/15/2013
<b>Julie Chao, 703/308-8735</b>					
<b>R123</b> – Seed treatment only; includes non-food and food uses; limited uptake into Raw Agricultural Commodities(1); <b>R260</b> – New use; non-food; indoor; <b>R300</b> – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackage of registered end-use or manufacturing-use product that requires no data submission or data matrix; <b>R301</b> – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy etc.; <b>R310</b> – New end-use or manufacturing use product; requires review of data package within RD; includes reviews and/or waivers of data for only; product chemistry and/or acute toxicity and/or public health pest efficacy; <b>R320</b> – New product; new physical form; requires data review in science divisions; and <b>R340</b> – Amendment requiring data review within an unregistered source of active ingredient\1.					